

# **CITY OF LODI**

### **COUNCIL COMMUNICATION**

AGENDA TITLE:

Plans and Specifications and Advertisement for Bids for Electric Utility Substructures on

Hwy. 99 s/o Kettleman Lane and Thurman Street w/o Guild Avenue (\$52,000)

**MEETING DATE:** 

February 17, 1999

PREPARED BY:

Electric Utility Director

RECOMMENDED ACTION:

That the City Council approve the plans and specifications for the above

project and authorize advertisement for bids.

BACKGROUND INFORMATION:

This project will install substructures (electric conduits and vaults) under and

along Hwy. 99 s/o Kettleman Lane and on Thurman Street from Industrial

Substation to Guild Avenue. The project is a portion of a main feeder under

construction from Industrial Substation to the area w/o Stockton Street and s/o Kettleman Lane. The substructures will allow the Department to install underground high voltage cables in this part of the project.

The estimated cost of the substructure installation is \$52,000 with bid opening scheduled for March 2, 1999.

FUNDING:

Included in the Department's 1998-99 Financial Plan and Budget, Distribution System Improvement

(page E-23).

**Funding Approval:** 

Vicky McAthie, Finance Director

**Electric Utility Director** 

PREPARED BY:

Hans Hansen, Manager, Engineering and Operations

ANV/HH/Ist

City Attorney

Public Works Director **Purchasing Officer** 

APPROVED: \_ H. Dixon Flynn -- City Manager



# CITY OF LODI

### **COUNCIL COMMUNICATION**

| AGEN  | D 4   | マリエ | <b>.</b> – . |
|-------|-------|-----|--------------|
| ACTEN | II )A | 111 | I -          |

Purchase of Polemount and Padmount Transformers (\$95,188.51)

**MEETING DATE:** 

February 17, 1999

PREPARED BY:

Electric Utility Director

RECOMMENDED ACTION:

That the City Council adopt the attached resolution awarding the bid for the purchase of 22 polemount transformers and 23 padmount

transformers to the bidders whose proposals and equipment meet City of Lodi specifications, and whose transformers are expected to yield the lowest overall life-cycle costs.

| Cooper Power Systems, Waukesha, WI | 8 ea 37.5KVA Polemounts  | \$ | 6,147.14  |
|------------------------------------|--|----|---|
| Kuhlman Industries, Versailles, KY | 14 ea 50KVA Polemounts   | \$ | 14,451.43   |
| Howard Industries, Laurel, MS      | 10 ea 50KVA 1Ø Padmounts<br>6 ea 75KVA 1Ø Padmounts<br>1 ea 150KVA 3Ø Padmount<br>4 ea 300KVA 3Ø Padmounts<br>1 ea 75KVA 3Ø Padmount | \$ | 15,623.75<br>11,462.45<br>5,197.86<br>28,695.98<br>3,718.45 |
| G E Supply Co. Sacramento          | 1 ea 500KVA 3⊘ Padmount  | •  | 64,698.49<br>9 891 45                                       |

G E Supply Co., Sacramento

BACKGROUND INFORMATION:

On November 19, 1997, the City Council approved specifications and authorized advertisement for bids for polemount and padmount transformers as necessary to meet the Department's needs through Fiscal Year 1998-99.

On January 27, 1999, bids for 22 polemount and 23 padmount transformers were opened and total life-cycle costs were evaluated. Life-cycle costs are the combined total of purchase price plus cost of operation based on estimated power loss during the projected life of the transformer. Proposals are also evaluated on the basis of compliance with equipment and bid specifications. Failure to comply with both may lead to disqualification of the bid. A summary of the bid evaluation is attached as Exhibit A.

These transformers will be used to serve new commercial loads at Kettleman Lane and Sylvan Drive, Vine Street and Guild Avenue, the lift station at Mills Avenue, and for downtown reconstruction. Transformers will also be used for residential loads at Sunwest and Lodi West, and to replenish the Department's inventory.

**FUNDING:** 

Electric Utility Department 1998-99 Fiscal Year Operating Plan,

Page E-22

Alan N. Vallow. Electric Utility Directo

Funding Approved:

PAD\_CC2G

Vicky McAthie, Finance Director

Prepared by Joel Harris, Purchasing Officer

APPROVED:

H. Dixon Flynn -- City Manager

02/01/99

#### **RESOLUTION NO. 99-24**

#### A RESOLUTION OF THE LODI CITY COUNCIL AWARDING THE BID FOR THE PURCHASE OF POLEMOUNT AND PADMOUNT **TRANSFORMERS**

\_\_\_\_\_\_\_

WHEREAS, in answer to notice duly published in accordance with law and the order of this City Council, sealed bids were received and publicly opened on January 27, 1999 at 11:00 a.m. for the purchase of 22 polemount transformers and 23 padmount transformers for the Electric Utility Department, described in the specifications therefore approved by the City Council on November 19, 1997; and

WHEREAS, said bids have been compared, checked, and tabulated and a report thereof filed with the City Manager as shown on Exhibit A attached; and

WHEREAS, the City Manager recommends that award of the bid for the purchase of 22 polemount transformers and 23 padmount transformers for the Electric Utility Department, be made to the bidders whose proposals and equipment meet City of Lodi specifications, and whose transformers are expected to yield the lowest overall life-cycle costs, to wit:

| Cooper Power Systems, Waukesha, WI | 8 ea.                                      | 37.5KVA Polemounts  | <b>\$ 6,147.14</b>   |
|------------------------------------|--|---|--|
| Kuhlman Industries, Versailles, KY | 14 ea.                                     | 50KVA Polemounts  | <u>\$14,451.43</u>   |
| Howard Industries, Laurel, MS      | 10 ea.<br>6 ea.<br>1 ea.<br>4 ea.<br>1 ea. | 50KVA 1Ø Padmounts<br>75KVA 1Ø Padmounts<br>150KVA 3Ø Padmount<br>300KVA 3Ø Padmount<br>75KVA 3Ø Padmount | \$15,623.75<br>\$11,462.45<br>\$ 5,197.86<br>\$28,695.98<br>\$ 3,718.45<br>\$64,698.49 |
| G E Supply Co., Sacramento         | 1 ea                                       | 500KVA 3Ø Padmount  | <u>\$ 9,891.45</u>   |
|                                    |  | Total Cost  | \$95,188. <u>51</u>  |

NOW, THEREFORE, BE IT RESOLVED by the Lodi City Council that the award of the purchase of 22 polemount transformers and 23 padmount transformers for the Electric Utility Department, be and the same is hereby awarded to the above-described responsible bidders, in the total amount of \$95,188.51.

Dated: February 17, 1999

I hereby certify that Resolution No. 99-24 was passed and adopted by the City Council of the City of Lodi in a regular meeting held February 17, 1999, by the following vote:

AYES:

COUNCIL MEMBERS - Hitchcock, Mann, Nakanishi, Pennino and Land

(Mayor)

NOES:

COUNCIL MEMBERS - None

ABSENT:

COUNCIL MEMBERS - None

ABSTAIN:

COUNCIL MEMBERS - None

ANCE M. REIMCHE

99-24

Bid Opening: Jan. 27, 1999

Exhibit A.1

**Polemount** 

Tax (factor): 1.0775

Jan. 29, 1999

No Load Loss \$/watt: 6,00 Load Loss \$/watt: 2,00

| Vendor  | Unit<br>Price \$   | Extended<br>Price \$  | Price<br>w/tax \$   | No Load<br>oss (watts  | Load<br>oss (watts  | No Load<br>Loss value  | Load<br>Loss value   |  | Life Cycle<br>Cost \$   | Delivery<br>(weeks)  | Height<br>(inches)  | Weight<br>(lbs)  |
|---|--|---|---|--|---|--|--|--|---|--|---|--|
| ooper Power Syste   | 650.00   | 1,950.00  | 2,101.13  | 84   | 311   | 1,512.00   | 1,866.00   | 3,378.00   | 5,479.13  | 14   | 39  | 53   |
| Cuhiman   | 735.00   | 2,205.00  | 2,375.89  | 84   | 291   | 1,512.00   | 1,745.00   | 3,258.00   | 5,633.89  | 8  | 36  | 60   |
| Vesco Distribution  | 689.00   | 2,067.00  | 2,227.19  | 82   | 327   | 1,476.00   | 1,962.00   | 3,438.00   | 5,665,19  | 7  | 36  | 486.7  |
| Central Moloney, Inc.   | 733.00   | 2,199.00  | 2,369.42  | 85   | 299   | 1,530.00   | 1,794.00   | 3,324.00   | 5,693.42  | 12   | 39  | 58   |
| ioward Industries, Inc  | 746.00   | 2,238.00  | 2,411.45  | 72   | 333   | 1,296.00   | 1,998.00   | 3,294.00   | 5,705.45  | 10-12  | 36  | 56   |
| S E Supply  | 625.00   | 1,875.00  | 2,020,31  | 83   | 454   | 1,494.00   | 2,724.00   | 4,218.00   | 6,238.31  | 9-11   | 34.1  | 40   |
| епу's E <del>lectr</del> ic   | 753.50   | 2,260.50  | 2,435,69  | 97   | 663   | 1,746.00   | 3,978.00   | 5,724.00   | 8,159.69  | 10-12  | 46  | 5-   |
| Bid Hem 2: 50 KVA, 1  | 20/240 Voli  | l, Single Ph  | ase Conve   | ntional  |   | Numb   | er of units:   | 7  |   |  |   |  |
| Vendor  | Unit   | Extended  | Price   | No Load  | Load  | No Load  | Load   | Cost of  | Life Cycle  | Delivery   | Height  | Weight   |
|   | Price \$   | Price \$  | w/tax \$  | oss (watts   | oss (watts  | Loss value   | Loss value   | Losses \$  | Cost \$   | (weeks)  | (inches)  | (lbs)  |
| Kuhiman   | 925.00   | 6,475.00  | 6,976.81  | 96   | 366   | 4,032.00   | 5,124.00   | 9,156.00   | 16,132.81   | 8  | 36  | 7  |
| Central Moloney, Inc.   | 863.00   | 6,041.00  | 6,509,18  | 84   | 436   | 3,528.00   | 5,104.00   | 9,532.00   | 16,141.18   | 12   | 40  | 7  |
| Cooper Power System   | 786.00   | 5,502.00  | 5,928.41  | 106  | 425   | 4,452.00   | 5,950.00   | 10,402.00  | 16,330.41   | 14   | 39,   | 6  |
| Howard Industries, Inc  | 962.00   | 6,734.00  | 7,255.89  | 93   | 376   | 3,906.00   | 5,264.00   | 9,170.00   | 16,425.89   | 8-10   | 36  | 6  |
| Wesco Distribution  | 1,110.00   | 7,770.00  | 8,372.18  | 85   | 356   | 3,570.00   | 4,984.00   | 8,554.00   | 16,926.18   | 7  | 38  | 802.   |
|   |  | C E17 00  | 7,022.07  | 111  | 424   | 4,662.00   | 5.936.00   | 10,598.00  | 17,620.07   | 9-11   | 37.8  | 7  |
| G E Supply  | 931.00   | 6,517.00  | 1,022.01  |  |   |  |  |  |   |  |   |  |
| G E Supply Jerry's Electric  Bld Kern 3: 37.5 KVA.  | 804.10   | 5,628.70  | 8,064,92  | 148  | 598   | 6,216,00   |  | 14,588.00  |   | 10-12  | 46  |  |
| leny's Electric   | 804.10<br>120/240 Vo   | 5,628.70<br>off, Single F   | 6,064,92<br>Phase Circ  | 148<br>uit Protecte  | 598<br>ed<br>Load   | 6,216,00<br>Numb   | 8,372.00<br>per of units;  | 14,588.00<br>5<br>Cost of  | 20,652.92<br>Life Cycle   | Delivery   | Height  | Weigh  |
| eny's Electric  Bid Kem 3: 37.5 KVA,  Vendor  | 120/240 Vo<br>Unit<br>Price \$   | 5,628.70  ott, Single F  Extended Price S   | Price w/tax \$  | uit Protecte  No Load  oss (watts  | 598<br>ed<br>Load<br>oss (watts   | 6,216,00<br>Numb<br>No Load<br>Loss value  | er of units;<br>Load<br>Loss value   | 14,588.00<br>5<br>Cost of<br>Losses \$   | 20,652.92<br>Life Cycle<br>Cost \$  | Delivery<br>(weeks)  | Height<br>(inches)  | Weigh<br>(lbs)   |
| Perry's Electric  Bild Kern J: 37.5 KVA,  Vendor  Cooper Power Syste  | 804.10<br>120/240 Vo<br>Unit<br>Price \$<br>751.00   | 5,628.70  Single F  Extended Price S  3,755.00  | Price w/tax \$  | 148 uit Protecte No Load oss (watts  | 598  toad oss (watts  | Numb<br>No Load<br>Loss value<br>2,670.00  | 8,372.00<br>per of units;<br>Load<br>Loss value<br>3,400.00  | 14,588.00<br>5<br>Cost of<br>Losses \$<br>6,070.00   | 20,652.92<br>Life Cycle<br>Cost \$<br>10,116.01   | Delivery<br>(weeks)  | Height<br>(inches)  | Weigh<br>(lbs)   |
| Vendor Cooper Power Syste Kuhiman   | 120/240 Vo<br>Unit<br>Price \$<br>751.00<br>744.00   | 5,628.70  bit, Single F  Extended  Price S  3,755.00  3,720.00  | Price w/tax \$ 4,046.01 4,008.30  | 148 uit Protecte No Load oss (watts 89 87  | 598  Load oss (watts 340 352  | Numb<br>No Load<br>Loss value<br>2,570.00<br>2,510.00  | 8,372.00<br>per of units;<br>Load<br>Loss value<br>3,400.00<br>3,520.00  | 14,588.00<br>5<br>Cost of<br>Losses \$<br>6,070.00<br>5,130.00   | 20,652.92<br>Life Cycle<br>Cost \$<br>10,116.01<br>10,138.30  | Delivery<br>(weeks)<br>12  | Height<br>(inches)<br>43<br>39  | Weigh<br>(lbs)<br>5  |
| Vendor Cooper Power Syste Kuhiman Howard Industries, Inc  | 120/240 Vo Unit Price \$ 751.00 744.00 829.00  | 5,628.70<br>off, Single P<br>Extended<br>Price S<br>3,755.00<br>3,720.00<br>4,145.00  | Price w/tax \$ 4,046.01 4,008.30 4,466.24   | uit Protecte No Load oss (watts 89 87 75   | 598<br>Load<br>oss (watts<br>340<br>352<br>350                                    | 6,216,00<br>Numb<br>No Load<br>Loss value<br>2,670.00<br>2,610.00<br>2,250.00  | er of units;<br>Load<br>Loss value<br>3,400.00<br>3,520.00<br>3,500.00   | 5<br>Cost of<br>Losses \$<br>5,070.00<br>5,130.00<br>5,750.00  | 20,652.92<br>Life Cycle<br>Cost S<br>10,116.01<br>10,138.30<br>10,216.24  | Delivery<br>(weeks)<br>12<br>8<br>8-10   | Height (inches) 43 39 36  | Weigh<br>(lbs)<br>5  |
| Bid Kem 3: 37.5 KVA,  Vendor  Cooper Power Syste Kuhiman Howard Industries, Inc.  | 120/240 Vo Unit Price \$ 751.00 744.00 829.00 665.00   | 5,628.70  Extended Price \$  3,755.00 3,720.00 4,145.00 4,325.00  | Price w/tax \$ 4,046.01 4,008.30 4,466.24 4,660.19  | uit Protecte No Load oss (watts 89 87 75   | 598  Load oss (watts 340 352 350 327  | No Load<br>Loss value<br>2,570.00<br>2,510.00<br>2,250.00<br>2,670.00  | 8,372.00<br>ber of units;<br>Load<br>Loss value<br>3,400.00<br>3,520.00<br>3,500.00<br>3,270.00  | 5<br>Cost of<br>Losses \$<br>5,070.00<br>5,130.00<br>5,750.00<br>5,940.00  | 20,652.92<br>Life Cycle<br>Cast \$<br>10,116.01<br>10,138.30<br>10,216.24<br>10,600.19  | Delivery<br>(weeks)<br>12<br>8<br>8-10   | Height<br>(inches)<br>43<br>39<br>36<br>39                            | Weigh<br>(lbs)<br>5<br>5<br>5                                    |
| Bid Kem 3: 37.5 KVA,  Vendor  Cooper Power Syste Kuhiman Howard Industries, Inc. Central Moloney, Inc. Wesco Distribution   | ## 100/240 Volume   ## 120/240 Volume   ## 120 | 5,628.70<br>off, Single F<br>Extended<br>Price S<br>3,755.00<br>3,720.00<br>4,145.00<br>4,325.00<br>5,120.00  | Price w/tax \$ 4,046.01 4,466.24 4,660.19 5,516.80  | 148 uit Protecte No Load oss (watts 89 87 75 89                                      | 598<br>Load<br>oss (watts<br>340<br>352<br>350<br>327<br>290                      | No Load<br>Loss value<br>2,570.00<br>2,610.00<br>2,250.00<br>2,570.00<br>2,310.00  | 8,372.00<br>ber of units;<br>Load<br>Loss value<br>3,400.00<br>3,520.00<br>3,500.00<br>3,270.00<br>2,900.00  | 5<br>Cost of<br>Losses \$<br>5,070.00<br>5,130.00<br>5,750.00<br>5,940.00<br>5,210.00  | 20,652.92<br>Life Cycle<br>Cost \$<br>10,116.01<br>10,138.30<br>10,216.24<br>10,600.19<br>10,726.80   | Delivery<br>(weeks)<br>12<br>8<br>8-10<br>12<br>7  | Height<br>(inches)<br>43<br>39<br>36<br>39<br>40                      | Weigh<br>(tbs)<br>5<br>5<br>5<br>5<br>695.                       |
| Vendor  Cooper Power Syste Kuhiman Howard Industries, Inc. Vesco Distribution G E Supply  | ## 100/240 Volume   ## 120/240 Volume   ## 1751.00   ## 751.00   # | 5,628.70<br>oft, Single F<br>Extended<br>Price S<br>3,755.00<br>3,720.00<br>4,145.00<br>4,325.00<br>5,120.00<br>4,710.00  | Price w/tax \$ 4,046.01 4,008.30 4,466.24 4,660.19 5,516.80 5,075.03  | 148  uit Protecte  No Load  oss (watts  89  87  75  89  77  85                       | 598<br>Load<br>oss (watts<br>340<br>352<br>350<br>327<br>290<br>399               | No Load<br>Loss value<br>2,670.00<br>2,610.00<br>2,250.00<br>2,570.00<br>2,310.00<br>2,550.00  | 8,372.00<br>ber of units;<br>Load<br>Loss value<br>3,400.00<br>3,520.00<br>3,500.00<br>3,270.00<br>2,900.00<br>3,990.00  | 5<br>Cost of<br>Losses \$<br>6,070.00<br>5,130.00<br>5,750.00<br>5,940.00<br>5,210.00<br>5,540.00  | 20,652.92<br>Life Cycle<br>Cost \$<br>10,116.01<br>10,138.30<br>10,216.24<br>10,600.19<br>10,726.80<br>11,615.03  | Delivery<br>(weeks)<br>12<br>8<br>8-10<br>12<br>7<br>9-11  | Height<br>(inches)<br>43<br>39<br>36<br>39<br>40<br>42.9              | Weigh<br>(tbs)<br>5<br>5<br>5<br>5<br>695.                       |
| Bid Kem 3: 37.5 KVA,  Vendor  Cooper Power Syste Kuhiman Howard Industries, Inc. Central Moloney, Inc. Wesco Distribution G E Supply  | ## 100/240 Volume   ## 120/240 Volume   ## 120 | 5,628.70<br>off, Single F<br>Extended<br>Price S<br>3,755.00<br>3,720.00<br>4,145.00<br>4,325.00<br>5,120.00  | Price w/tax \$ 4,046.01 4,466.24 4,660.19 5,516.80  | 148 uit Protecte No Load oss (watts 89 87 75 89                                      | 598<br>Load<br>oss (watts<br>340<br>352<br>350<br>327<br>290                      | No Load<br>Loss value<br>2,570.00<br>2,610.00<br>2,250.00<br>2,570.00<br>2,310.00  | 8,372.00<br>ber of units;<br>Load<br>Loss value<br>3,400.00<br>3,520.00<br>3,500.00<br>3,270.00<br>2,900.00  | 5<br>Cost of<br>Losses \$<br>6,070.00<br>5,130.00<br>5,750.00<br>5,940.00<br>5,210.00<br>5,540.00  | 20,652.92<br>Life Cycle<br>Cost \$<br>10,116.01<br>10,138.30<br>10,216.24<br>10,600.19<br>10,726.80   | Delivery<br>(weeks)<br>12<br>8<br>8-10<br>12<br>7  | Height<br>(inches)<br>43<br>39<br>36<br>39<br>40                      | Weigh<br>(lbs)<br>5<br>5<br>5<br>5<br>5<br>5<br>695.             |
| Vendor  Cooper Power Syste Kuhiman Howard Industries, Inc. Wesco Distribution G E Supply Jerry's Electric   | ## 120/240 Volume   ## 120/240 Volume   ## 1751.00   ## 751.00   # | 5,628.70  Extended Price \$  3,755.00 3,720.00 4,145.00 4,325.00 5,120.00 4,710.00 4,142.50   | Price w/tax \$ 4,046.01 4,008.30 4,466.24 4,660.19 5,516.80 5,075.03 4,463.54   | uit Protecte No Load oss (watts 89 87 75 89 77 85                                    | 598  Load oss (watts 340 352 350 327 290 399 709                                  | Numb<br>No Load<br>Loss value<br>2,670.00<br>2,610.00<br>2,250.00<br>2,310.00<br>2,550.00<br>2,850.00                                  | 8,372.00<br>ber of units;<br>Load<br>Loss value<br>3,400.00<br>3,520.00<br>3,500.00<br>3,270.00<br>2,900.00<br>3,990.00  | 5<br>Cost of<br>Losses \$<br>6,070.00<br>5,130.00<br>5,750.00<br>5,940.00<br>5,210.00<br>5,540.00  | 20,652.92<br>Life Cycle<br>Cost \$<br>10,116.01<br>10,138.30<br>10,216.24<br>10,600.19<br>10,726.80<br>11,615.03  | Delivery<br>(weeks)<br>12<br>8<br>8-10<br>12<br>7<br>9-11  | Height<br>(inches)<br>43<br>39<br>36<br>39<br>40<br>42.9              | Weigh<br>(lbs)<br>5<br>5<br>5<br>5<br>5<br>5<br>695.             |
| Vendor  Cooper Power Syste Kuhiman Howard Industries, Inc. Central Moloney, Inc. Wesco Distribution 3 E Supply Jerry's Electric   | ## 120/240 Volume   ## 120/240 Volume   ## 1751.00   ## 751.00   # | 5,628.70  Extended Price \$  3,755.00 3,720.00 4,145.00 4,325.00 5,120.00 4,710.00 4,142.50   | Price w/tax \$ 4,046.01 4,008.30 4,466.24 4,660.19 5,516.80 5,075.03 4,463.54   | uit Protecte No Load oss (watts 89 87 75 89 77 85                                    | 598  Load oss (watts 340 352 350 327 290 399 709                                  | Numb<br>No Load<br>Loss value<br>2,670.00<br>2,610.00<br>2,250.00<br>2,310.00<br>2,550.00<br>2,850.00                                  | 8,372.00<br>ber of units;<br>Load<br>Loss value<br>3,400.00<br>3,520.00<br>3,500.00<br>3,270.00<br>2,900.00<br>7,090.00  | 5<br>Cost of<br>Losses \$<br>6,070.00<br>5,130.00<br>5,750.00<br>5,940.00<br>5,210.00<br>9,940.00  | 20,652.92<br>Life Cycle<br>Cost \$<br>10,116.01<br>10,138.30<br>10,216.24<br>10,600.19<br>10,726.80<br>11,615.03  | Delivery<br>(weeks)<br>12<br>8-10<br>12<br>7<br>9-11<br>10-12                                      | Height<br>(inches)<br>43<br>39<br>36<br>39<br>40<br>42.9              | Weigh (lbs) 5 5 5 5 6 9 5 . 7 5                                  |
| Vendor  Cooper Power Syste (uhiman loward industries, Inc. Vesco Distribution S E Supply lerry's Electric   | ## 120/240 Vol   | 5,628.70  Extended Price S  3,755.00 3,720.00 4,145.00 4,325.00 5,120.00 4,710.00 4,142.50  | Price w/tax \$ 4,046.01 4,008.30 4,466.24 4,660.19 5,516.80 5,075.03 4,463.54   | No Load oss (watts 89 87 75 89 77 85 95  | 598  Load oss (watts 340 352 350 327 290 399 709                                  | 6,216,00  Numb  No Load Loss value  2,570.00 2,510.00 2,570.00 2,310.00 2,550.00 2,850.00  Numb  | 8,372.00  ber of units;  Load Loss value  3,400.00 3,520.00 3,500.00 2,900.00 2,900.00 7,090.00  ber of units;  Load   | 5<br>Cost of<br>Losses \$<br>5,070.00<br>5,750.00<br>5,940.00<br>5,210.00<br>5,540.00<br>9,940.00  | 20,652.92<br>Life Cycle<br>Cost \$<br>10,116.01<br>10,138.30<br>10,216.24<br>10,600.19<br>10,726.80<br>11,615.03<br>14,403.54   | Delivery<br>(weeks)<br>12<br>8-10<br>12<br>7<br>9-11<br>10-12                                      | Height<br>(inches)<br>43<br>39<br>36<br>39<br>40<br>42.9<br>46        | Weigh<br>(lbs)<br>5<br>5<br>5<br>5<br>695                        |
| Vendor Sid Kem 3: 37.5 KVA, Vendor Cooper Power Syste (uhiman Howard Industries, Inc. Vesco Distribution S E Supply erry's Electric  Bid Kem 4: 50 KVA, 1 Vendor  | ## 100/240 Vol Unit Price \$ 751.00 744.00 829.00 665.00 1,024.00 942.00 828.50 Unit   | 5,628.70  Extended Price \$  3,755.00 3,720.00 4,145.00 4,325.00 5,120.00 4,710.00 4,142.50  t, Single Ph   | Price w/tax \$ 4,046.01 4,466.24 4,660.19 5,516.80 5,075.03 4,463.54  | No Load oss (watts 89 87 75 89 77 85 95  | 598  Load oss (watts 340 352 350 327 290 399 709                                  | 6,216,00  Numb  No Load Loss value  2,670,00 2,610,00 2,570,00 2,310,00 2,550,00 2,850,00  Numb  No Load Loss value                    | 8,372.00  ber of units;  Load Loss value  3,400.00 3,520.00 3,500.00 2,900.00 2,900.00 7,090.00  ber of units;  Load   | 5<br>Cost of<br>Losses \$<br>5,070.00<br>5,130.00<br>5,750.00<br>5,210.00<br>5,540.00<br>9,940.00<br>7<br>Cost of<br>Losses \$             | 20,652.92<br>Life Cycle<br>Cost \$<br>10,116.01<br>10,138.30<br>10,216.24<br>10,600.19<br>10,726.80<br>11,615.03<br>14,403.54   | Delivery<br>(weeks)<br>12<br>8<br>8-10<br>12<br>7<br>9-11<br>10-12<br>Delivery<br>(weeks)          | Height (inches)  43 39 36 39 40 42.9 46  Height (inches)              | Weigh<br>(lbs)<br>5<br>5<br>5<br>695<br>7                        |
| Vendor  Cooper Power Syste Kuhiman Howard Industries, Inc. Central Moloney, Inc. Vesco Distribution G E Supply Jerry's Electric  Bid Item 4: 50 KVA, 1  Vendor  | ## 120/240 Vol  Unit Price \$  751.00 744.00 829.00 865.00 1,024.00 942.00 828.50  Unit Price \$   | 5,628.70  bott, Single P  Extended Price S  3,755.00 3,720.00 4,145.00 4,325.00 5,120.00 4,710.00 4,142.50  t, Single Ph  Extended Price S                      | Price w/tax \$ 4,046.01 4,008.30 4,466.24 4,560.19 5,516.80 5,075.03 4,463.54  ase Circui Price w/tax \$                          | uit Protecte No Load oss (watts 89 87 75 89 77 85 95                                 | 598  Load oss (watts 340 352 350 327 290 399 709  Load oss (watts                 | Numb<br>No Load<br>Loss value<br>2,670.00<br>2,610.00<br>2,570.00<br>2,570.00<br>2,550.00<br>2,850.00<br>Numb<br>No Load<br>Loss value | 8,372.00  ber of units:  Load Loss value  3,400.00 3,520.00 3,500.00 3,270.00 2,900.00 7,090.00  ber of units:  Load Loss value 5,810.00   | 5<br>Cost of<br>Losses \$<br>5,070.00<br>5,130.00<br>5,750.00<br>5,940.00<br>5,540.00<br>9,940.00<br>7<br>Cost of<br>Losses \$<br>9,842.00 | 20,652.92  Life Cycle Cost \$  10,116.01 10,138.30 10,216.24 10,600.19 10,726.80 11,615.03 14,403.54  Life Cycle Cost \$  | Delivery<br>(weeks)<br>12<br>8<br>8-10<br>12<br>7<br>9-11<br>10-12<br>Delivery<br>(weeks)          | Height (inches)  43 39 36 39 40 42.9 46  Height (inches)              | Weigh<br>(lbs)<br>5<br>5<br>695<br>7<br>7<br>5<br>Weigh<br>(lbs) |
| Vendor  Cooper Power Syste Kuhiman Howard Industries, Inc. Vesco Distribution G E Supply Jerry's Electric  Bid Item 4: 50 KVA, 1  Vendor  Kuhiman Howard Industries, Inc.   | ## 120/240 Vol  Unit Price \$  751.00 744.00 829.00 865.00 1,024.00 942.00 828.50  Unit Price \$  991.00   | 5,628.70  bit, Single P  Extended Price \$  3,755.00  3,720.00  4,142.50  4,710.00  4,142.50  t, Single Ph  Extended Price \$  6,937.00                         | Price w/tax \$ 4,046.01 4,008.30 4,466.24 4,560.19 5,516.80 5,075.03 4,463.54  ase Circui Price w/tax \$ 7,474.62                 | uit Protected No Load oss (watts 89 87 75 89 77 85 95 t Protected No Load oss (watts | 598  Load oss (watts 340 352 350 327 290 399 709  Load oss (watts 415             | Numb No Load Loss value 2,670.00 2,610.00 2,250.00 2,570.00 2,550.00 2,850.00 Numb No Load Loss value 4,032.00                         | 8,372.00 ber of units; Load Loss value 3,400.00 3,520.00 3,500.00 3,270.00 2,900.00 7,090.00 ber of units; Load Loss value 5,810.00 6,215.00   | 5<br>Cost of<br>Losses \$<br>5,070.00<br>5,130.00<br>5,750.00<br>5,940.00<br>5,540.00<br>9,940.00<br>7<br>Cost of<br>Losses \$<br>9,842.00 | 20,652.92  Life Cycle Cost \$ 10,116.01 10,138.30 10,216.24 10,600.19 10,726.80 11,615.03 14,403.54  Life Cycle Cost \$ 17,316.62 17,579.47                               | Delivery<br>(weeks)<br>12<br>8 8-10<br>12<br>7<br>9-11<br>10-12<br>Delivery<br>(weeks)             | Height (inches)  43 39 36 39 40 42.9 46  Height (inches)              | Weigh<br>(lbs)<br>5<br>5<br>695<br>7<br>5<br>Weigh<br>(lbs)      |
| Jerry's Electric  Bild Item 3: 37.5 KVA,  Vendor  Cooper Power Syste Kuhiman Howard Industries, Inc. Wesco Distribution GE Supply Jerry's Electric  Bild Item 4: 50 KVA, 1  Vendor  Kuhiman Howard Industries, Inc. Central Moloney, Inc. | ### 1,000 Price \$  120/240 Vol ### 1,000 Price \$  751.00 744.00 829.00 865.00 1,024.00 942.00 828.50   #### 20/240 Vol Unit Price \$  991.00 1,011.00  | 5,628.70  Extended Price \$  3,755.00 3,720.00 4,145.00 4,325.00 5,120.00 4,710.00 4,142.50  t, Single Ph  Extended Price \$  6,937.00 7,077.00                 | Price w/tax \$ 4,046.01 4,008.30 4,466.24 4,660.19 5,516.80 5,075.03 4,463.54  ase Circui  Price w/tax \$ 7,474.62 7,625.47       | No Load oss (watts 89 77 85 95 t Protected oss (watts                                | 598  Load oss (watts 340 352 350 327 290 399 709  Load oss (watts 415 444         | Number No Load Loss value 2,570.00 2,510.00 2,570.00 2,310.00 2,550.00 Number No Load Loss value 4,032.00 3,738.00 3,528.00            | 8,372.00 ber of units:     Load Loss value     3,400.00     3,520.00     3,500.00     3,270.00     2,900.00     7,090.00  ber of units:     Load Loss value     5,810.00     6,215.00     6,564.00 | 5 Cost of Losses \$ 6,070.00 5,130.00 5,750.00 5,210.00 5,540.00 7 Cost of Losses \$ 9,842.00 9,954.00                                     | 20,652.92  Life Cycle Cost \$ 10,116.01 10,138.30 10,216.24 10,600.19 10,726.80 11,615.03 14,403.54  Life Cycle Cost \$ 17,316.62 17,579.47 17,825.01                     | Delivery<br>(weeks)<br>12<br>8-10<br>12<br>7<br>9-11<br>10-12<br>Delivery<br>(weeks)               | Height (inches)  43 39 36 39 40 42.9 46  Height (inches)              | Weigh<br>(lbs)<br>5<br>695<br>Weigh<br>(lbs)                     |
| Jerry's Electric  Bild Item 3: 37.5 KVA,  Vendor  Cooper Power Syste Kuhiman Howard Industries, Inc. Wesco Distribution 3 E Supply Jerry's Electric  Bild Item 4: 50 KVA, 1  Vendor  Kuhiman Howard Industries, Inc. Cooper Power System  | ## 1,0012.00  ## 120/240 Vol  Unit  Price \$  751.00 744.00 829.00 865.00 1,024.00 942.00 828.50  ## 20/240 Vol  Unit  Price \$  991.00 1,011.00 1,012.00  | 5,628.70  Extended Price S  3,755.00 3,720.00 4,145.00 4,325.00 5,120.00 4,710.00 4,142.50  t, Single Ph  Extended Price S  6,937.00 7,077.00 7,084.00 5,565.00 | Price w/tax 5 4,046.01 4,008.30 4,466.24 4,660.19 5,516.80 5,075.03 4,463.54  ase Circui Price w/tax 5 7,474.62 7,625.47 7,633.01 | No Load oss (watts 89 77 85 95 t Protected oss (watts 96 89 84                       | 598  Load oss (watts 340 352 350 327 290 399 709  Load oss (watts 415 444 476     | Number No Load Loss value 2,570.00 2,510.00 2,550.00 2,550.00 2,850.00 Number No Load Loss value 4,032.00 3,738.00 3,528.00 4,452.00   | 8,372.00 ber of units:     Load Loss value     3,400.00     3,520.00     3,500.00     3,270.00     2,900.00     7,090.00  ber of units:     Load Loss value     5,810.00     6,215.00     6,564.00 | 5 Cost of Losses \$ 6,070.00 5,130.00 5,750.00 5,210.00 5,540.00 9,940.00  7 Cost of Losses \$ 9,842.00 9,954.00 10,192.00 12,082.00       | 20,652.92  Life Cycle Cost \$ 10,116.01 10,138.30 10,216.24 10,600.19 10,726.80 11,615.03 14,403.54  Life Cycle Cost \$ 17,316.62 17,579.47 17,825.01                     | Delivery<br>(weeks)<br>12<br>8-10<br>12<br>7<br>9-11<br>10-12<br>Delivery<br>(weeks)<br>8-10       | Height (inches)  43 39 36 39 40 42.9 46  Height (inches)  42 37 40 45 | Weigh<br>(lbs)<br>5<br>695<br>695<br>Weigh<br>(lbs)              |
| Bid Kem 3: 37.5 KVA,  Vendor  Cooper Power Syste Kuhiman Howard Industries, Inc. Central Moloney, Inc. Wesco Distribution 3 E Supply Jerry's Electric   | ## 100/240 Vol  Unit Price \$  751.00 744.00 829.00 865.00 1,024.00 942.00 828.50  Unit Price \$  991.00 1,011.00 1,012.00 795.00  | 5,628.70  Extended Price S  3,755.00 3,720.00 4,145.00 4,325.00 5,120.00 4,710.00 4,142.50  t, Single Ph  Extended Price S  6,937.00 7,077.00 7,084.00 5,565.00 | Price w/tax \$ 4,046.01 4,008.30 4,466.24 4,660.19 5,516.80 5,075.03 4,463.54  Price w/tax \$ 7,474.62 7,625.47 7,633.01 5,996.29 | uit Protected No Load oss (watts 89 87 75 89 77 85 95 t Protected No Load oss (watts | 598  Load oss (watts 340 352 350 327 290 399 709  Load oss (watts 415 444 476 545 | Number No Load Loss value 2,570.00 2,510.00 2,550.00 2,550.00 2,850.00 Number No Load Loss value 4,032.00 3,738.00 3,528.00 4,452.00   | 8,372.00 ber of units;  Load Loss value  3,400.00 3,520.00 3,500.00 2,900.00 7,090.00  ber of units;  Load Loss value  5,810.00 6,215.00 6,564.00 7,530.00 4,844.00                                | 5 Cost of Losses \$ 6,070.00 5,130.00 5,750.00 5,210.00 5,540.00 9,940.00  7 Cost of Losses \$ 9,842.00 9,954.00 10,192.00 12,082.00       | 20,652.92  Life Cycle Cost \$ 10,116.01 10,138.30 10,216.24 10,600.19 10,726.80 11,615.03 14,403.54  Life Cycle Cost \$ 17,316.62 17,579.47 17,825.01 18,078.29 19,066.95 | Delivery<br>(weeks)<br>12<br>8-10<br>12<br>7<br>9-11<br>10-12<br>Delivery<br>(weeks)<br>8-10<br>12 | Height (inches)  43 39 36 39 40 42.9 46  Height (inches)  42 37 40 45 | Weigh<br>(lbs)<br>5<br>695<br>695<br>Weigh<br>(lbs)              |

Bid Opening: Jan. 27, 1999

Exhibit A.2

Padmount

Tax (factor): 1.0775

Jan. 30, 1999

No Load Loss \$/watt: 6.00 Load Loss \$/watt: 2.00

| •  |  |   |  |   |   |  |  |   |  |  |  |                 |
|--|--|---|--|---|---|--|--|---|--|--|--|-----------------|
| Vendor   | Unit<br>Price \$   | Extended<br>Price \$  | Price  | No Load<br>oss (watts   | Load<br>oss (watts  | No Load<br>Loss value  | Load<br>Loss value   | Cost of<br>Losses \$  | Life Cycle<br>Cost \$  | Delivery<br>(weeks)  | Height<br>(inches)   | Weight<br>(lbs) |
| loward industries, inc. A  | 1,450.00   | 14,500.00   | 15,623.75  | 42  | 347   | 2,520.00   | 6,940.00   | 9,460.00  | 25,083.75  | 13-15  | 28   |                 |
| Howard Industries, Inc   | 1,158.00   | 11,580.00   | 12,477.45  | 83  | 407   | 4,980.00   | 8,140.00   | 13,120.00   | 25,597.45  | 12-14  | 28   |                 |
| Cuhiman  | 1,153.00   | 11,630.00   | 12,531.33  | 105   | 354   | 6,300.00   | 7,080.00   | 13,380.00   | 25,911.33  | 10   | 24   |                 |
| Cooper Power Systems   | 990.00   | 9,900.00  | 10,667.25  | 100   | 477   | 6,000.00   | 9,540.00   | 15,540.00   | 26,207.25  | 22   | 24   |                 |
| Central Moloney, Inc.  | 1,289.00   | 12,890.00   | 13,888,98  | 117   | - 280   | 7,020.00   | 5,500.00   | 12,520.00   | 26,508.98  | 19   | 28   |                 |
| G E Supply   | 1,066.00   | 10,660.00   | 11,486.15  | 118   | 510   | 7,080.00   | 10,200.00  | 17,280.00   | 28,766.15  | 16-18  | 26.8   |                 |
| Wesco Distribution, Inc.   | 1,103.00   | 11,030.00   | 11,884,83  | 85  | 608   | 5,100.00   | 12,160.00  | 17,250.00   | 29,144.83  | 10-12  | NA   | •               |
| leπy's Electric, Inc.  | 1,394.80   | 13,948.00   | 15,028.97  | 132   | 468   | 7,920.00   | 9,360.00   | 17,280.00   | 32,308.97  | 10-12  | 24   |                 |
| Bid item 2: 75 KVA, 240/12   | 0 Volt, Sin  | gle Phase i   | Pad  |   |   | Numb   | er of units:   | 6   |  |  |  |                 |
| Vendor   | Unit   | Extended  | Price  | No Load   | Load  | No Load  | Load   | Cast of   | Life Cycle   | Delivery   | Height   | Weigt           |
|  | Price \$   | Price \$  | w/tax \$   | oss (watts  | oss (watts  | Loss value   | Loss value   | Losses \$   | Cost \$  | (weeks)  | (inches)   | (lbs)           |
| loward industries, Inc. A  | •  | 10,638.00   |  | 55  | 485   | 1,980.00   | 5,820.00   | •   | 19,262.45  | 13-15  | 28   |                 |
| loward Industries, Inc   | 1,415.00   | ' <del>-</del> '  | 9,147.98   | 125   | 523   | 4,500.00   | 6,276.00   | 10,775.00   | 19,923.98  | 12-14  | 28   |                 |
| Kuhiman .  | 1,531.00   |   | 9,897.92   | 129   | 462   | 4,644.00   | 5,544,00   | 10,188.00   | 20,085.92  | 10   | 24   | ·               |
| Cooper Power Systems   | 1,229.00   | 7,374.00  | 7,945.49   | 150   | <b>5</b> 64   | 5,400.00   | 6,768.00   | 12,158.00   | 20,113.49  | 22   | 24   |                 |
| Central Moloney, Inc.  | 1,510.00   | 9,060.00  | 9,762.15   | 207   | 313   | 7,452.00   | 3,756,00   | 11,208.00   | 20,970.15  | 19   | 28   |                 |
| Wesco Distribution, Inc.   | 1,473.00   | 8,838.00  | 9,522.95   | 138   | 549   | 4,968.00   | 6,588.00   | 11,556.00   | 21,078.95  | 10-12  | NA   |                 |
|  |  | ~   |  |   |   | E 933 00   | 8 256 NO   | 14 099 00   | 22,570.08  | 15-18  | 25.8   |                 |
| S E Supply   | 1,312.00   | 7,872.00  | 8,482.08   | 162   | 588   | 5,832.00   | 0,230.00   | 14,000.00   | 14,310.00  |  |  |                 |
|  |  | 7,872.00<br>10,791.00   |  | 145   | 588<br>750  | 5,220.00   |  |   | 25,847.30  | 10-12  | 26   |                 |
| lerry's Electric, Inc.   | 1,798.50   | 10,791.00   | 11,627.30  |   | -   | 5,220.00   |  |   |  |  |  |                 |
| lerry's Electric, Inc.   | 1,798.50   | 10,791.00   | 11,627.30  | 145<br>No Load  | 750<br>Load   | 5,220.00   | 9,000,00<br>per of units:  | 14,220,00<br>1<br>Cost of   |  |  |  | _               |
| lerry's Electric, Inc.<br>Bid Item 3: 150 KVA, 208Y<br>Vendor  | 1,798.50<br>/120 Volt, 7<br>Unit   | 10,791.00  Three Phas  Extended   | 11,627.30<br>e Pad<br>Price  | 145<br>No Load  | 750<br>Load   | 5,220.00<br>Numb<br>No Load<br>Loss value  | 9,000,00<br>per of units:  | 14,220,00<br>1<br>Cost of   | 25,847,30<br>Life Cycle<br>Cost \$   | 10-12 Delivery   | 26<br>Height   | _               |
| lerry's Electric, Inc.<br>Bid Item 3: 150 KVA, 208Y<br>Vendor<br>Howard Industries, Inc. A   | 1,798.50<br>/120 Volt, 1<br>Unit<br>Price \$   | Three Phas Extended Price \$ 4,824.00   | 11,627.30<br>e Pad<br>Price<br>w/tax \$  | No Load<br>oss (watts   | 750<br>Load<br>oss (watts   | Numb<br>No Load<br>Loss value  | 9,000,00<br>per of units:<br>Load<br>Loss value  | 14,220.00<br>1<br>Cost of<br>Losses \$  | 25,847,30<br>Life Cycle<br>Cost \$<br>7,825.86   | 10-12 Delivery (weeks)   | 26<br>Height<br>(inches)   | _               |
| lerry's Electric, Inc.  Bid Item 3: 150 KVA, 208Y  Vendor  Howard Industries, Inc. A Howard Industries, Inc.   | 1,798.50<br>/120 Volt, 1<br>Unit<br>Price \$<br>4,824.00   | 10,791.00  Three Phas  Extended Price \$  4,824.00 4,030.00   | 11,627.30<br>e Pad<br>Price<br>w/tax \$<br>5,197.86  | No Load<br>oss (watts   | Coad coss (watts  | Numb<br>No Load<br>Loss value  | 9,000,00<br>per of units:<br>Load<br>Loss value  | 14,220,00<br>1<br>Cost of<br>Losses \$<br>2,528,00<br>3,738,00  | 25,847,30<br>Life Cycle<br>Cost \$<br>7,825.86<br>8,080,33   | Delivery<br>(weeks)  | Height (inches)  | _               |
| lerry's Electric, Inc.  Bid Item 3: 150 KVA, 208Y  Vendor  Howard Industries, Inc. A Howard Industries, Inc. GE Supply   | 1,798.50<br>/120 Volt, 1<br>Unit<br>Price S<br>4,824.00<br>4,030.00  | 10,791.00  Three Phas  Extended Price \$  4,824.00 4,030.00 5,255.00  | 11,627.30<br>e Pad<br>Price<br>w/tax \$<br>5,197.86<br>4,342.33  | No Load<br>oss (watts<br>134<br>255                                       | 750<br>Load<br>oss (watts<br>912<br>1074                                    | 5,220.00<br>Numb<br>No Load<br>Loss value<br>804.00<br>1,590.00  | 9,000,00<br>per of units:<br>Load<br>Loss value<br>1,824,00<br>2,148,00  | 14,220,00<br>1<br>Cost of<br>Losses \$<br>2,528,00<br>3,738,00  | 25,847.30<br>Life Cycle<br>Cost \$<br>7,825.86<br>8,080.33<br>8,470.26   | Delivery<br>(weeks)<br>24-25<br>24-25  | Height (inches)  | _               |
| Howard Industries, Inc. A<br>Howard Industries, Inc<br>G E Supply<br>Wesco Distribution, Inc.  | 1,798.50  /120 Volt, 7  Unit Price \$  4,824.00 4,030.00 5,255.00  | 10,791.00  Three Phas  Extended Price \$  4,824.00 4,030.00 5,255.00 4,211.00   | 11,627.30<br>e Pad<br>Price<br>w/tax \$<br>5,197.86<br>4,342.33<br>5,662.26<br>4,537.35                              | No Load<br>oss (watts<br>134<br>265<br>106                                | 750<br>Load<br>oss (watts<br>912<br>1074<br>1086                            | Numb<br>No Load<br>Loss value<br>804.00<br>1,590.00<br>636.00  | 9,000.00<br>per of units:<br>Load<br>Loss value<br>1,824.00<br>2,148.00<br>2,172.00  | 14,220,00<br>1<br>Cost of<br>Losses \$<br>2,528,00<br>3,738,00<br>2,508,00  | 25,847.30<br>Life Cycle<br>Cost \$<br>7,825.86<br>8,080.33<br>8,470.26<br>8,789.35   | Delivery<br>(weeks)<br>24-25<br>24-26<br>19-21   | Height (inches) 51 51 61   | _               |
| lerry's Electric, Inc.  Bid Item 3: 150 KVA, 208Y  Vendor  Howard Industries, Inc. A Howard Industries, Inc. GE Supply  Nesco Distribution, Inc. Cooper Power Systems  | 1,798.50  /120 Volt, 7  Unit Price \$  4,824.00 4,030.00 5,255.00 4,211.00   | 10,791.00  Three Phas  Extended Price \$ 4,824.00 4,030.00 5,255.00 4,211.00  | 11,627.30<br>e Pad<br>Price<br>w/tax \$<br>5,197.86<br>4,342.33<br>5,662.26<br>4,537.35                              | No Load<br>oss (watts<br>134<br>255<br>106<br>271                         | 750<br>Load<br>oss (watts<br>912<br>1074<br>1086<br>1313                    | 5,220.00<br>Numb<br>No Load<br>Loss value<br>604.00<br>1,590.00<br>636.00<br>1,625.00  | 9,000.00  per of units:  Load Loss value  1,824,00 2,148,00 2,172,00 2,525,00  | 1 Cost of Losses \$ 2,528.00 3,738.00 2,808.00 4,252.00   | 25,847.30<br>Life Cycle<br>Cost \$<br>7,825.86<br>8,080.33<br>8,470.26<br>8,789.35   | Delivery<br>(weeks)<br>24-25<br>24-25<br>19-21<br>14-16  | Height (inches) 51 51 61 46.5                                    | _               |
| Vendor  Howard Industries, Inc. A Howard Industries, Inc. A Howard Industries, Inc. GE Supply Nesco Distribution, Inc. Cooper Power Systems Central Moloney, Inc.  | 1,798.50  /120 Volt, 7  Unit Price \$  4,824.00 4,030.00 5,255.00 4,211.00 4,920.00  | 10,791.00  Three Phas  Extended Price \$ 4,824.00 4,030.00 5,255.00 4,211.00  | 11,627.30<br>e Pad<br>Price<br>w/tax \$<br>5,197.86<br>4,342.33<br>5,662.26<br>4,537.35                              | No Load<br>oss (watts<br>134<br>255<br>106<br>271                         | 750<br>Load<br>oss (watts<br>912<br>1074<br>1086<br>1313                    | 5,220.00<br>Numb<br>No Load<br>Loss value<br>604.00<br>1,590.00<br>636.00<br>1,625.00  | 9,000.00  per of units:  Load Loss value  1,824,00 2,148,00 2,172,00 2,525,00  | 1 Cost of Losses \$ 2,528.00 3,738.00 2,808.00 4,252.00   | 25,847.30<br>Life Cycle<br>Cost \$<br>7,825.86<br>8,080.33<br>8,470.26<br>8,789.35   | Delivery<br>(weeks)<br>24-25<br>24-25<br>19-21<br>14-16  | Height (inches) 51 51 61 46.5                                    | _               |
| Vendor  Howard Industries, Inc. A Howard Industries, Inc. A Howard Industries, Inc. G E Supply Nesco Distribution, Inc. Cooper Power Systems Central Molaney, Inc. Herry's Electric, Inc.  | 1,798.50  /120 Volt, 1  Unit Price \$  4,824.00 4,030.00 5,255.00 4,211.00 4,920.00 No Bid   | 10,791.00  Three Phas  Extended Price \$  4,824.00 4,030.00 5,255.00 4,211.00   | 11,627.30<br>e Pad<br>Price<br>w/tax \$<br>5,197.86<br>4,342.33<br>5,662.26<br>4,537.35                              | No Load<br>oss (watts<br>134<br>255<br>106<br>271                         | 750<br>Load<br>oss (watts<br>912<br>1074<br>1086<br>1313                    | 5,220.00<br>Numb<br>No Load<br>Loss value<br>604.00<br>1,590.00<br>636.00<br>1,625.00  | 9,000.00  per of units:  Load Loss value  1,824,00 2,148,00 2,172,00 2,525,00  | 1 Cost of Losses \$ 2,528.00 3,738.00 2,808.00 4,252.00   | 25,847.30<br>Life Cycle<br>Cost \$<br>7,825.86<br>8,080.33<br>8,470.26<br>8,789.35   | Delivery<br>(weeks)<br>24-25<br>24-25<br>19-21<br>14-16  | Height (inches) 51 51 61 46.5                                    | Weigi<br>(lbs)  |
| Vendor  Howard Industries, Inc. A Howard Industries, Inc. A Howard Industries, Inc. G S S S S S S S S S S S S S S S S S S S  | 1,798.50  /120 Volt, 7  Unit Price \$  4,824.00 4,030.00 5,255.00 4,920.00 No Bid No Bid No Bid  | 10,791.00  Three Phas  Extended Price \$  4,824.00 4,030.00 5,255.00 4,211.00 4,920.00  | Price w/tax \$ 5,197.86 4,342.33 5,662.26 4,537.35 5,301.30  | No Load<br>oss (watts<br>134<br>255<br>106<br>271                         | 750<br>Load<br>oss (watts<br>912<br>1074<br>1086<br>1313                    | Numb<br>No Load<br>Loss value<br>804.00<br>1,590.00<br>636.00<br>1,625.00<br>2,100.00  | 9,000.00  per of units:  Load Loss value  1,824,00 2,148,00 2,172,00 2,525,00  | 1<br>Cost of<br>Losses \$<br>2,528.00<br>3,738.00<br>2,508.00<br>4,252.00<br>4,148.00   | 25,847.30<br>Life Cycle<br>Cost \$<br>7,825.86<br>8,080.33<br>8,470.26<br>8,789.35   | Delivery<br>(weeks)<br>24-25<br>24-25<br>19-21<br>14-16  | Height (inches) 51 51 61 46.5                                    | _               |
| lerry's Electric, Inc.  Bid Item 3: 150 KVA, 208Y  Vendor  Howard Industries, Inc. A Howard Industries, Inc. GE Supply  Wesco Distribution, Inc.   | 1,798.50  /120 Volt, 1  Unit Price \$  4,824.00 4,030.00 5,255.00 4,211.00 4,920.00 No Bid No Bid No Bid No Bid V/120 Volt, 1  | 10,791.00  Three Phas  Extended Price \$ 4,824.00 4,030.00 5,255.00 4,211.00 4,920.00  Three Phas  Extended   | 11,627.30  Price w/tax \$ 5,197.86 4,342.33 5,662.26 4,537.35 5,301.30   | No Load<br>oss (watts<br>134<br>265<br>106<br>271<br>350                  | Doad oss (waits 912 1074 1086 1313 1024                                     | 5,220.00  Numb  No Load Loss value  804.00 1,590.00 636.00 1,625.00 2,100.00  Numb  Numb  No Load                              | 9,000.00  per of units:     Load     Loss value     1,824,00     2,148,00     2,172,00     2,525,00     2,048,00  per of units:     Load   | 14,220,00  1  Cost of Losses \$  2,528,00 3,738,00 2,808,00 4,252,00 4,148,00   | 25,847.30<br>Life Cycle<br>Cost \$<br>7,825.86<br>8,080.33<br>8,470.26<br>8,789.35<br>9,449.30   | Delivery (weeks) 24-25 24-25 19-21 14-16 30  | Height (inches) 51 51 61 46.5 50                                 | (lbs)           |
| Vendor  Noward Industries, Inc. A Howard Ind | 1,798.50  //120 Volt, 7  Unit Price \$  4,824.00 4,030.00 5,255.00 4,211.00 4,920.00 No Bid No Bid No Bid  | 10,791.00  Three Phas  Extended Price \$  4,824.00 4,030.00 5,255.00 4,211.00 4,920.00  | 11,627.30  Price w/tax \$ 5,197.86 4,342.33 5,662.26 4,537.35 5,301.30   | No Load<br>oss (watts<br>134<br>265<br>106<br>271<br>350                  | Doad oss (waits 912 1074 1086 1313 1024                                     | Numb<br>No Load<br>Loss value<br>804.00<br>1,590.00<br>636.00<br>1,626.00<br>2,100.00  | 9,000.00  per of units:     Load     Loss value     1,824,00     2,148,00     2,172,00     2,525,00     2,048,00  per of units:     Load   | 14,220,00  1  Cost of Losses \$  2,528,00 3,738,00 2,808,00 4,252,00 4,148,00   | 25,847.30<br>Life Cycle<br>Cost \$<br>7,825.86<br>8,080.33<br>8,470.26<br>8,789.35<br>9,449.30   | Delivery<br>(weeks)<br>24-25<br>24-26<br>19-21<br>14-16<br>30  | Height (inches) 51 51 61 46.5 50                                 | (lbs            |
| Vendor  Howard Industries, Inc. A Howard Industries, Inc. A Howard Industries, Inc. A Howard Industries, Inc. GE Supply Nesco Distribution, Inc. Cooper Power Systems Dentral Moloney, Inc. Herry's Electric, Inc. Kuhlman  Bild Item 4: 300 KVA, 208Y  Vendor  Howard Industries, Inc. A  | 1,798.50  /120 Volt, 1  Unit Price \$  4,824.00 4,030.00 5,255.00 4,920.00 No Bid No Bid No Bid V/120 Volt, 1  Unit Price \$ 6,658.00  | 10,791.00  Three Phas  Extended Price \$ 4,824.00 4,030.00 5,255.00 4,211.00 4,920.00  Three Phas  Extended Price \$ 26,632.00                            | 11,627.30  e Pad  Price w/tax \$ 5,197.86 4,342.33 5,662.26 4,537.35 5,301.30  e Pad  Price w/tax \$ 28,695.98       | No Load oss (watts 134 255 106 271 350 No Load oss (watts 190             | Load oss (waits 912 1074 1086 1313 1024 Load oss (waits 1983                | Numb No Load Loss value 804.00 1,590.00 636.00 1,626.00 2,100.00  Numb No Load Loss value 4,560.00                             | 9,000.00  per of units:  Load  Loss value  1,824.00 2,148.00 2,172.00 2,525.00 2,048.00  per of units:  Load  Loss value  15,864.00  | 14,220,00  1 Cost of Losses \$ 2,528,00 3,738,00 2,808,00 4,252,00 4,148,00  4 Cost of Losses \$ 20,424,00                          | 25,847.30  Life Cycle Cost \$ 7,825.86 8,080.33 8,470.26 8,789.35 9,449.30  Life Cycle Cost \$ 49,119.98                               | Delivery<br>(weeks)<br>24-25<br>24-25<br>19-21<br>14-16<br>30<br>Delivery<br>(weeks)                   | Height (inches) 51 51 61 46.5 50  Height (inches)                | (lbs            |
| Vendor  Howard Industries, Inc. A Howard Industries, Inc. A Howard Industries, Inc. Cooper Power Systems Central Molaney, Inc. Vendor  Wesco Distribution, Inc. Cooper Power Systems Central Molaney, Inc. Vendor  Wendor  Howard Industries, Inc. A G E Supply  | 1,798.50  /120 Volt, 1  Unit Price \$  4,824.00 4,030.00 5,255.00 4,920.00 No Bid No Bid No Bid V/120 Volt, 1  Unit Price \$  6,658.00 6,930.00  | 10,791.00  Three Phas  Extended Price \$  4,824.00 4,030.00 5,255.00 4,211.00 4,920.00  Three Phas  Extended Price \$  26,632.00 27,720.00                | 11,627.30  Price w/tax \$ 5,197.86 4,342.33 5,662.26 4,537.35 5,301.30  Re Pad  Price w/tax \$ 28,695.98 29,868.30   | No Load oss (watts 134 255 106 271 350 No Load oss (watts 190 188         | 750  Load oss (watts 912 1074 1086 1313 1024   Load oss (watts 1983 1892    | Numb<br>No Load<br>Loss value<br>804.00<br>1,590.00<br>636.00<br>1,625.00<br>2,100.00<br>Numb<br>No Load<br>Loss value         | 9,000.00  per of units:     Load     Loss value     1,824.00     2,148.00     2,172.00     2,525.00     2,048.00  per of units:     Load     Loss value     15,864.00     15,136.00  | 14,220,00  1 Cost of Losses \$ 2,528,00 3,738,00 2,508,00 4,252,00 4,148,00  4 Cost of Losses \$ 20,424,00 19,548,00                | 25,847.30  Life Cycle Cost \$ 7,825.86 8,080.33 8,470.26 8,789.35 9,449.30  Life Cycle Cost \$ 49,119.98 49,516.30                     | Delivery<br>(weeks)<br>24-25<br>24-25<br>19-21<br>14-16<br>30<br>Delivery<br>(weeks)<br>24-25<br>19-21 | Height (inches)  51 51 61 46.5 50  Height (inches)               | (lbs            |
| Vendor  Howard Industries, Inc. A Howard Industries, Inc. A Howard Industries, Inc. A Howard Industries, Inc. Cooper Power Systems Central Moloney, Inc. Herry's Electric, Inc. Kuhiman  Wendor  Vendor  Howard Industries, Inc. A G E Supply Howard Industries, Inc. A  | 1,798.50  /120 Volt, 1  Unit Price \$  4,824.00 4,030.00 5,255.00 4,211.00 No Bid No Bid No Bid V/120 Volt, 1  Unit Price \$  6,658.00 6,930.00 5,729.00                               | 10,791.00  Three Phas  Extended Price \$  4,824.00 4,030.00 5,255.00 4,211.00 4,920.00  Three Phas  Extended Price \$  26,632.00 27,720.00 22,916.00      | 11,627.30  Price w/tax \$ 5,197.86 4,342.33 5,662.26 4,537.35 5,301.30  Price w/tax \$ 28,695.98 29,868.30 24,691.99 | No Load oss (watts 134 255 106 271 350 No Load oss (watts 190 188 402     | Coad oss (watts 912 1074 1086 1313 1024 Load oss (watts 1983 1892 2055      | Numb No Load Loss value 804.00 1,590.00 636.00 1,625.00 2,100.00  Numb No Load Loss value 4,560.00 4,512.00 9,648.00           | 9,000.00  per of units:     Load     Loss value     1,824,00     2,148,00     2,172,00     2,048,00  per of units:     Load     Loss value     15,864,00     15,136,00     15,440,00 | 14,220,00  1  | 25,847.30  Life Cycle Cost \$ 7,825.86 8,080.33 8,470.26 8,789.35 9,449.30  Life Cycle Cost \$ 49,119.98 49,516.30 \$0,779.99          | Delivery (weeks) 24-25 24-25 19-21 14-16 30  Delivery (weeks) 24-25 19-21 24-26                        | Height (inches) 51 51 61 46.5 50  Height (inches) 57 65 -67      | (lbs            |
| Vendor  Howard Industries, Inc. A Howard Industries, Inc. A Howard Industries, Inc. G G E Supply Wesco Distribution, Inc. Cooper Power Systems Central Moloney, Inc. Jerry's Electric, Inc. Kuhlman  Wendor  Howard Industries, Inc. A G E Supply Howard Industries, Inc. A G E Supply Howard Industries, Inc. Wesco Distribution, Inc.  | 1,798.50  /120 Volt, 1  Unit Price \$  4,824.00 4,030.00 5,255.00 4,211.00 No Bid No Bid No Bid No Bid V/120 Volt,  Unit Price \$  6,658.00 6,930.00 5,729.00 4,747.00                 | Three Phas  Extended Price \$  4,824.00 4,030.00 5,255.00 4,211.00 4,920.00  Three Phas  Extended Price \$  26,632.00 27,720.00 22,916.00 18,988.00       | Price w/tax \$ 5,197.86 4,342.33 5,662.26 4,537.35 5,301.30 Price w/tax \$ 28,695.98 29,868.30 24,691.99 20,459.57   | No Load oss (watts 134 265 106 271 350 No Load oss (watts 190 188 402 459 | Load oss (watts 912 1074 1086 1313 1024 Load oss (watts 1983 1892 2055 2423 | Numb No Load Loss value 804.00 1,590.00 636.00 1,625.00 2,100.00  Numb No Load Loss value 4,560.00 4,512.00 9,648.00 11,016.00 | 9,000.00  per of units:     Load     Loss value     1,824,00     2,148,00     2,172,00     2,048,00  cer of units:     Load     Loss value     15,664,00     15,135,00     19,384,00 | 14,220,00  1  Cost of Losses \$  2,528,00 3,738,00 4,252,00 4,148,00  4  Cost of Losses \$  20,424,00 19,548,00 25,688,00 30,400,00 | 25,847.30  Life Cycle Cost \$ 7,825.86 8,080.33 8,470.26 8,789.35 9,449.30  Life Cycle Cost \$ 49,119.98 49,516.30 50,779.99 50,859.57 | Delivery (weeks) 24-25 24-26 19-21 14-16 30  Delivery (weeks) 24-25 19-21 24-26 14-16                  | Height (inches) 51 51 61 46.5 50  Height (inches) 57 65 -57 46.5 | (Ibs            |
| Vendor  Howard Industries, Inc. A George Power Systems Central Moloney, Inc. Herry's Electric, Inc. Kuhlman  Wendor  Howard Industries, Inc. A GE Supply Howard Industries, Inc. A GE Supply Howard Industries, Inc. Wesco Distribution, Inc.  | 1,798.50  /120 Volt, 1  Unit Price \$  4,824.00 4,030.00 5,255.00 4,211.00 No Bid No Bid No Bid No Bid V/120 Volt,  Unit Price \$  6,658.00 6,930.00 5,729.00 4,747.00 6,215.00        | Three Phas Extended Price \$ 4,824.00 4,030.00 5,255.00 4,211.00 4,920.00  Three Phas Extended Price \$ 26,632.00 27,720.00 22,916.00 18,988.00 24,860.00 | Price w/tax \$ 5,197.86 4,342.33 5,662.26 4,537.35 5,301.30 Price w/tax \$ 28,695.98 29,868.30 24,691.99 20,459.57   | No Load oss (watts 134 265 106 271 350 No Load oss (watts 190 188 402 459 | Load oss (watts 912 1074 1086 1313 1024 Load oss (watts 1983 1892 2055 2423 | Numb No Load Loss value 804.00 1,590.00 636.00 1,625.00 2,100.00  Numb No Load Loss value 4,560.00 4,512.00 9,648.00           | 9,000.00  per of units:     Load     Loss value     1,824,00     2,148,00     2,172,00     2,048,00  cer of units:     Load     Loss value     15,664,00     15,135,00     19,384,00 | 14,220,00  1  Cost of Losses \$  2,528,00 3,738,00 4,252,00 4,148,00  4  Cost of Losses \$  20,424,00 19,548,00 25,688,00 30,400,00 | 25,847.30  Life Cycle Cost \$ 7,825.86 8,080.33 8,470.26 8,789.35 9,449.30  Life Cycle Cost \$ 49,119.98 49,516.30 50,779.99 50,859.57 | Delivery (weeks) 24-25 24-26 19-21 14-16 30  Delivery (weeks) 24-25 19-21 24-26 14-16                  | Height (inches) 51 51 61 46.5 50  Height (inches) 57 65 -67      | (lbs            |
| Vendor  Noward Industries, Inc. A Howard Industries, Inc. A Howard Industries, Inc. A Howard Industries, Inc. A Howard Industries, Inc. Goper Power Systems Central Moloney, Inc. Herry's Electric, Inc. Kuhlman  Wendor  Howard Industries, Inc. A G E Supply Howard Industries, Inc. Wesco Distribution, Inc. Cooper Power Systems   | 1,798.50  /120 Volt, 1  Unit Price \$  4,824.00 4,030.00 5,255.00 4,211.00 No Bid No Bid No Bid No Bid V/120 Volt,  Unit Price \$  6,658.00 6,930.00 5,729.00 4,747.00 6,215.00 No Bid | Three Phas Extended Price \$ 4,824.00 4,030.00 5,255.00 4,211.00 4,920.00  Three Phas Extended Price \$ 26,632.00 27,720.00 22,916.00 18,988.00 24,860.00 | Price w/tax \$ 5,197.86 4,342.33 5,662.26 4,537.35 5,301.30 Price w/tax \$ 28,695.98 29,868.30 24,691.99 20,459.57   | No Load oss (watts 134 265 106 271 350 No Load oss (watts 190 188 402 459 | Load oss (watts 912 1074 1086 1313 1024 Load oss (watts 1983 1892 2055 2423 | Numb No Load Loss value 804.00 1,590.00 636.00 1,625.00 2,100.00  Numb No Load Loss value 4,560.00 4,512.00 9,648.00 11,016.00 | 9,000.00  per of units:     Load     Loss value     1,824,00     2,148,00     2,172,00     2,048,00  cer of units:     Load     Loss value     15,664,00     15,135,00     19,384,00 | 14,220,00  1  Cost of Losses \$  2,528,00 3,738,00 4,252,00 4,148,00  4  Cost of Losses \$  20,424,00 19,548,00 25,688,00 30,400,00 | 25,847.30  Life Cycle Cost \$ 7,825.86 8,080.33 8,470.26 8,789.35 9,449.30  Life Cycle Cost \$ 49,119.98 49,516.30 50,779.99 50,859.57 | Delivery (weeks) 24-25 24-26 19-21 14-16 30  Delivery (weeks) 24-25 19-21 24-26 14-16                  | Height (inches) 51 51 61 46.5 50  Height (inches) 57 65 -57 46.5 | (lbs            |
| Vendor  Noward Industries, Inc. A Howard Industries, Inc. A Howard Industries, Inc. G S E Supply Nesco Distribution, Inc. Cooper Power Systems Central Molaney, Inc. Jerry's Electric, Inc. Kuhlman  Bld Item 4: 300 KVA, 2089   | 1,798.50  /120 Volt, 1  Unit Price \$  4,824.00 4,030.00 5,255.00 4,211.00 No Bid No Bid No Bid No Bid V/120 Volt,  Unit Price \$  6,658.00 6,930.00 5,729.00 4,747.00 6,215.00        | Three Phas Extended Price \$ 4,824.00 4,030.00 5,255.00 4,211.00 4,920.00  Three Phas Extended Price \$ 26,632.00 27,720.00 22,916.00 18,988.00 24,860.00 | Price w/tax \$ 5,197.86 4,342.33 5,662.26 4,537.35 5,301.30 Price w/tax \$ 28,695.98 29,868.30 24,691.99 20,459.57   | No Load oss (watts 134 265 106 271 350 No Load oss (watts 190 188 402 459 | Load oss (watts 912 1074 1086 1313 1024 Load oss (watts 1983 1892 2055 2423 | Numb No Load Loss value 804.00 1,590.00 636.00 1,625.00 2,100.00  Numb No Load Loss value 4,560.00 4,512.00 9,648.00 11,016.00 | 9,000.00  per of units:     Load     Loss value     1,824,00     2,148,00     2,172,00     2,048,00  cer of units:     Load     Loss value     15,664,00     15,135,00     19,384,00 | 14,220,00  1  Cost of Losses \$  2,528,00 3,738,00 4,252,00 4,148,00  4  Cost of Losses \$  20,424,00 19,548,00 25,688,00 30,400,00 | 25,847.30  Life Cycle Cost \$ 7,825.86 8,080.33 8,470.26 8,789.35 9,449.30  Life Cycle Cost \$ 49,119.98 49,516.30 50,779.99 50,859.57 | Delivery (weeks) 24-25 24-26 19-21 14-16 30  Delivery (weeks) 24-25 19-21 24-26 14-16                  | Height (inches) 51 51 61 46.5 50  Height (inches) 57 65 -57 46.5 | (lbs)           |

| Bld Item 5: 75 KVA, 480Y/2  | 77 Volt, Th   | ree Phase  | Pad   |  |                                  | Numi  | er of units:   | 1   |   |                                    |                        |                 |
|---|---|--|---|--|----------------------------------|---|--|---|---|------------------------------------|------------------------|-----------------|
| Vendor  | Unit<br>Price \$  | Extended<br>Price \$   | Price<br>w/tax \$   | No Load<br>oss (watts                  | Load<br>oss (watts               | No Load<br>Loss value   | Load<br>Loss value   | Cost of Losses \$   | Life Cycle<br>Cost \$ -                         |                                    | Height<br>(inches)     | Weight<br>(!bs) |
| Howard Industries, Inc. A   | 3,451.00  | 3,451.00   | 3,718.45  | OS                                     | 561                              | 480.00  | 1,122.00   | 1,602.00  | 5,320.45  | 24-25                              | 51                     |                 |
| Howard Industries, Inc  | 3,160.00  | 3,160.00   | 3,404.90  | 160                                    | 566                              | 960.00  | 1,332.00   | 2,292.00  | 5,696.90  | 24-26                              | 51                     |                 |
| G E Supply  | 4,530.00  | 4,630.00   | 4,988.83  | 80                                     | 458                              | 480.00  | 916.00   | 1,396.00  | 6,384.83  | 19-21                              | 61                     |                 |
| Wesco Distribution, Inc.  | 3,760.00  | 3,760.00   | 4,051.40  | 208                                    | 623                              | 1,248.00  | 1,246.00   | 2,494.00  | 6,545.40  | 14-16                              | 46.5                   |                 |
| Cooper Power Systems  | 4,079.00  | 4,079.00   | 4,395.12  | 195                                    | 592                              | 1,170.00  | 1,184.00   | 2,354.00  | 6,749.12  | 30                                 | 50                     |                 |
| Central Moloney, Inc.   | No Bid  |  |   | . •                                    |                                  |   |  |   |   |                                    |                        |                 |
| la anala Ele akala da a   | No Bid  |  |   |  |                                  |   |  |   |   |                                    |                        |                 |
| erry's Electric, Inc.   | 140 814   |  |   |  |                                  |   |  |   |   |                                    |                        |                 |
| Kuhiman   | No Bid  | Three Phase  | . Pad   |  |                                  | Numb  | per of units:  | 1   |   |                                    | ·                      | ·               |
| Jerry's Electric, Inc.<br>Kuhlman<br>Bid Item 6: 500 KVA, 480Y,<br>Vendor   | No Bid<br>7277 Volt, T<br>Unit  | Extended   | Price   | No Load                                | Load<br>oss (watts               | bsoJ oM   | Load   | Cost of   | Life Cycle                                      | Delivery                           | Height (inches)        | Weight          |
| Kuhiman<br>Bid Item 6: 500 KVA, 480Y.   | No Bid  |  |   |  |                                  |   | Load   | Cost of   | Life Cycle<br>Cost \$                           | Delivery<br>(weeks)                | Height<br>(inches)     | Weight<br>(lbs) |
| Kuhiman<br>Bid Item 6: 500 KVA, 480Y.<br>Vendor   | No Bid<br>7277 Volt, T<br>Unit  | Extended   | Price   |  |                                  | bsoJ oM   | Load   | Cost of<br>Losses \$  |   | ,                                  | _                      | •               |
| Kuhiman<br>Bid Item 6: 500 KVA, 480Y,<br>Vendor<br>G E Supply   | No Bid 7277 Volt, T Unit Price \$   | Extended<br>Price \$   | Price<br>w/tax \$   | oss (watts                             | oss (watts                       | No Load<br>Loss value   | Load<br>Loss value   | Cost of<br>Losses \$<br>7,188.00                                      | Cost \$   | (weeks)                            | (inches)               | •               |
| Kuhiman  Bid Item 6: 500 KVA, 480Y,  Vendor  G E Supply  Howard Industries, Inc. AC                                 | No Bid<br>277 Volt, T<br>Unit<br>Price \$<br>9,180.00                             | Extended<br>Price \$<br>9,180.00                                     | Price<br>w/tax \$<br>9,891.45                                     | oss (watts                             | oss (watts<br>2,814              | No Load<br>Loss value<br>1,560.00                                     | Load<br>Loss value<br>5,628.00<br>6,018.00                         | Cost of<br>Losses \$<br>7,188.00<br>7,568.00                          | Cost \$   | (weeks)                            | (inches)               | •               |
| Vendor  G E Supply Howard Industries, Inc. AC  Wesco Distribution, Inc.   | No Bid  277 Volt, 1  Unit Price \$  9,180.00 6,891.00                             | Extended<br>Price \$<br>9,180.00<br>8,891.00                         | Price<br>w/tax \$<br>9,891.45<br>9,580.05                         | oss (watts<br>250<br>275               | oss (watts<br>2,814<br>3,009     | No Load<br>Loss value<br>1,560.00<br>1,650.00                         | Load<br>Loss value<br>5,628.00<br>6,018.00<br>6,818.00             | Cost of<br>Losses \$<br>7,188.00<br>7,568.00<br>10,538.00             | Cost \$ 17,079.45 17,248.05                     | (weeks)<br>19-21<br>24-26          | (inches)<br>77<br>75   | -               |
| Vendor  S E Supply Howard Industries, Inc. AC Wesco Distribution, Inc. Howard Industries, Inc.                      | No Bid  277 Volt, 1  Unit Price \$  9,180.00  8,891.00  5,568.00                  | Extended<br>Price \$<br>9,180.00<br>8,891.00<br>6,568.00             | Price<br>w/tax \$<br>9,891.45<br>9,580.05<br>7,077.02             | oss (watts<br>260<br>275<br>620        | 2,814<br>3,009<br>3,409          | No Load<br>Loss value<br>1,560.00<br>1,650.00<br>3,720.00             | Load<br>Loss value<br>5,628.00<br>6,018.00<br>6,818.00<br>5,718.00 | Cost of<br>Losses \$<br>7,188.00<br>7,568.00<br>10,538.00             | Cost \$ 17,079.45 17,248.05 17,615.02 17,810.98 | (weeks)<br>19-21<br>24-26<br>14-16 | 77<br>75<br>50.5       | -               |
| Vendor  S E Supply Howard Industries, Inc. AC Nesco Distribution, Inc. Howard Industries, Inc. Cooper Power Systems | No Bid  277 Volt, T  Unit Price \$  9,180.00 8,891.00 5,568.00 7,832.00           | Extended<br>Price \$<br>9,180.00<br>8,891.00<br>6,568.00<br>7,832.00 | Price<br>w/tax \$<br>9,891.45<br>9,580.05<br>7,077.02<br>8,438,98 | oss (watts<br>250<br>275<br>520<br>609 | 2,814<br>3,009<br>3,409<br>2,859 | No Load<br>Loss value<br>1,560.00<br>1,650.00<br>3,720.00<br>3,654.00 | Load<br>Loss value<br>5,628.00<br>6,018.00<br>6,818.00<br>5,718.00 | Cost of<br>Losses \$<br>7,188.00<br>7,568.00<br>10,538.00<br>9,372.00 | Cost \$ 17,079.45 17,248.05 17,615.02 17,810.98 | (weeks) 19-21 24-26 14-16 24-25    | 77<br>75<br>50.5<br>69 | •               |
| Kuhiman<br>Bid Kem 6: 500 KVA, 480Y.  | No Bid  2777 Volt, T  Unit Price \$  9,180.00 8,891.00 5,568.00 7,832.00 8,725.00 | Extended<br>Price \$<br>9,180.00<br>8,891.00<br>6,568.00<br>7,832.00 | Price<br>w/tax \$<br>9,891.45<br>9,580.05<br>7,077.02<br>8,438,98 | oss (watts<br>250<br>275<br>520<br>609 | 2,814<br>3,009<br>3,409<br>2,859 | No Load<br>Loss value<br>1,560.00<br>1,650.00<br>3,720.00<br>3,654.00 | Load<br>Loss value<br>5,628.00<br>6,018.00<br>6,818.00<br>5,718.00 | Cost of<br>Losses \$<br>7,188.00<br>7,568.00<br>10,538.00<br>9,372.00 | Cost \$ 17,079.45 17,248.05 17,615.02 17,810.98 | (weeks) 19-21 24-26 14-16 24-25    | 77<br>75<br>50.5<br>69 | •               |